




U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No.: FORS-06679		Serial No.: 10/054,023	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)				Applicant: Raymond F. Cracauer <i>et al.</i>			
(37 CFR § 1.98(b))				Filing Date: 11/13/01		Group Art Unit: 1743	
U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
DKH	1	5,472,672	12/5/95	Bennan	422	131	10/22/93
	2	5,368,823	11/29/94	McGraw <i>et al.</i>	422	1340	2/11/93
	3	5,935,527	8/10/99	Andrus <i>et al.</i>	422	131	4/29/93
	4	5,865,224	2/2/99	Ally <i>et al.</i>	141	130	12/20/96
	5	6,280,950	8/28/01	Lipshutz <i>et al.</i>	435	6	10/28/99
	6	6,270,730	8/7/01	McLuen <i>et al.</i>	422	131	6/16/98
	7	6,264,891	7/24/01	Heyneker <i>et al.</i>	422	64	5/18/99
	8	6,126,904	10/3/00	Zuellig <i>et al.</i>	422	130	9/5/97
	9	6,171,555	1/9/01	Cargill <i>et al.</i>	422	104	3/6/98
	10	6,150,102	11/21/00	Mills, Jr. <i>et al.</i>	435	6	5/15/98
	11	6,096,276	8/1/00	Laursen	422	103	8/14/91
	12	6,045,755	4/4/00	Lebl <i>et al.</i>	422	65	3/10/97
	13	5,792,430	8/11/98	Hamper	422	131	8/11/98
	14	5,770,157	6/23/98	Cargill <i>et al.</i>	422	99	9/18/96
	15	5,580,523	12/3/96	Bard	422	50	4/1/94
	16	5,443,791	8/22/95	Cathcart <i>et al.</i>	422	65	8/7/92
	17	6,329,210	12/11/01	Schleifer	436	518	10/29/99
	18	6,175,006	1/16/01	Andrus <i>et al.</i>	536	25.4	3/30/99
	19	6,057,424	5/2/00	Vail, III	530	333	3/24/97
	20	5,981,733	11/9/99	Gamble <i>et al.</i>	536	25.3	9/16/96
	21	5,885,837	3/23/99	Winkler <i>et al.</i>	435	91.1	10/23/96
	22	5,840,841	11/24/98	Zuckermann <i>et al.</i>	530	338	5/8/97
	23	5,541,314	7/30/96	McGraw <i>et al.</i>	536	25.31	8/2/94
	24	5,466,608	11/14/95	Lapluye <i>et al.</i>	436	86	9/7/93
	25	5,462,748	10/31/95	Lloyd <i>et al.</i>	424	484	1/14/94
	26	5,298,259	3/29/94	Lloyd <i>et al.</i>	424	486	11/5/91
	27	5,262,530	11/16/93	Andrus <i>et al.</i>	536	25.31	7/27/90
	28	5,153,319	10/6/92	Caruthers <i>et al.</i>	536	27	3/31/86
	29	<del>5,143,418</del>	7/21/92	Caruthers <i>et al.</i>	536	27	6/18/94
	30	5,112,575	<del>5/12/91</del>	Whitehouse <i>et al.</i>	422	116	2/14/91
	31	5,047,524	9/10/91	Andrus <i>et al.</i>	536	27	12/21/88
DKH	32	4,744,037	5/10/88	Niina <i>et al.</i>	364	497	7/15/85
	33	5,598,049	7/1/86	Zelinka <i>et al.</i>	435	287	8/31/83
Examiner: <i>Wayne K. Hanley</i>				Date Considered: <i>7/7/07</i>			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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FORM PTO-1449 (Modified)				U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: FORS-06679		Serial No.: 10/054,023		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)						Applicant: Raymond F. Cracauer				
(37 CFR § 1.98(b))						Filing Date: 11/13/01		Group Art Unit: 1743		
U.S. PATENT DOCUMENTS										
Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date			
DKH	34	4,517,338	5/14/85	Urdea <i>et al.</i>	525	54.11	7/13/84			
	35	4,483,964	11/20/84	Urdea <i>et al.</i>	525	54.11	6/20/83			
	36	4,458,066	7/3/84	Caruthers <i>et al.</i>	536	27	3/24/81			
	37	4,353,989	10/12/82	Bender <i>et al.</i>	435	287	1/19/81			
	38	6,177,554	1/23/01	Woo <i>et al.</i>	536	23.1	6/5/95			
	39	5,736,626	4/7/98	Mullah <i>et al.</i>	536	25.3	1/29/96			
	40	5,723,599	3/3/98	Klem <i>et al.</i>	536	25.3	3/22/95			
	41	5,703,218	12/30/97	Urdea <i>et al.</i>	536	23.1	4/13/95			
	42	5,668,268	9/16/97	Tang <i>et al.</i>	536	25.3	11/27/95			
	43	5,652,358	7/29/97	Pfleiderer <i>et al.</i>	536	25.3	11/3/94			
	44	5,639,873	6/17/97	Barascut <i>et al.</i>	536	25.3	8/4/94			
	45	5,518,651	5/21/96	Reddy <i>et al.</i>	252	193	6/8/94			
	46	5,264,562	11/23/93	Matteucci	536	23.1	4/24/91			
	47	4,950,745	8/21/90	Ishido <i>et al.</i>	536	58	6/27/88			
	48	6,313,284 B1	11/6/01	Kwiatkowski <i>et al.</i>	536	25.3	3/30/00			
	49	6,225,061 B1	5/1/01	Becker <i>et al.</i>	435	6	3/10/99			
	50	6,165,717	12/26/00	Dower <i>et al.</i>	435	6	5/13/98			
	51	5,874,554	2/23/99	Gamble <i>et al.</i>	536	22.1	12/13/96			
	52	5,789,162	8/4/98	Dower <i>et al.</i>	435	6	6/7/95			
	53	5,726,300	3/10/98	Klem <i>et al.</i>	536	25.34	6/15/94			
	54	5,703,223	12/30/97	Wickstrom <i>et al.</i>	536	25.33	9/2/94			
	55	5,700,919	12/23/97	Seliger <i>et al.</i>	536	22.1	1/10/95			
	56	5,668,266	9/16/97	Ruth	536	25.3	5/12/95			
	57	5,646,267	7/8/97	Sec <i>et al.</i>	536	25.33	6/5/95			
	58	5,620,852	4/15/97	Lin <i>et al.</i>	435	6	10/31/94			
	59	5,616,700	4/1/97	Reddy <i>et al.</i>	536	25.3	11/18/93			
	60	5,548,076	8/20/96	Froehler <i>et al.</i>	536	25.34	8/13/93			
	61	5,514,789	5/7/96	Kempe	536	25.4	4/21/94			
	62	5,324,831	6/28/94	Marquez <i>et al.</i>	536	25.3	4/6/88			
	63	5,264,566	11/23/93	Froehler <i>et al.</i>	536	25.34	4/26/90			
	64	5,149,798;	9/22/92	Agrawal <i>et al.</i>	536	27	4/6/89			
	1992.05	DKH	5,112,962	5/12/91	Letsinger <i>et al.</i>	536	27	11/9/90		
	Examiner: <u>Wayne Khandy</u>				Date Considered: <u>7/7/07</u>					
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(37 CFR § 1.98(b))

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## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
DXH	66	4,734,363	3/29/88	Dattagupta <i>et al.</i>	435	91	11/27/984
	67	4,689,405	<del>8/25/98</del>	Frank <i>et al.</i>	536	27	1/4/84
	68	4,401,796	8/30/83	Itakura	535	340	4/30/81
	69	3,917,455	11/4/75	Bak <i>et al.</i>	23	253	5/10/74
	70	4,837,159	6/6/89	Yamada	436	45	9/17/85
	71	5,503,805	4/2/96	Sugarman <i>et al.</i>	422	131	11/2/93
	72	5,437,979	8/1/95	Rampal <i>et al.</i>	435	6	8/24/92
	73	5,762,881	6/9/98	Harless <i>et al.</i>	422	132	10/29/96
	74	4,598,045	7/1/86	Masover <i>et al.</i>	435	34	2/19/85
DXH	75	5,053,454	10/1/91	Judd	525	54.11	2/15/89

## U.S. PATENT APPLICATION PUBLICATION

Examiner Initials	Cite No.	Publication Number	Publication Date	Applicant / Patentee	Class	Subclass	Filing Date
DXH	76	2001/0022950	9/20/01	Hall <i>et al.</i>	422	131	5/18/01
	77	2001/0007644	7/12/01	McLuen <i>et al.</i>	422	131	12/19/00
	78	2001/0001035	5/10/01	McLuen <i>et al.</i>	422	100	12/19/00
DXH	79	2001/0000723	5/3/01	McLuen <i>et al.</i>	422	100	12/19/00

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
						Yes	No
DXH	80	WO99/65602	23 Dec. 99				
	81	WO 00/56445	28 Sept. 00				
	82	WO 91/13084	5 Sept. 91				
	83	WO 98/36829	27 Aug. 98				
	84	WO 98/39099	11 Sept. 98				
	85	WO 98/57181	17 Dec. 98				
DXH	86	WO 98/10857	19 Mar. 98				

## OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

87	User's Manual ABI 3900 High Throughput DNA Synthesizer, Applied Biosystems (2001)
Examiner: D. Haney	Date Considered: 7/7/04
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